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(21)Application number : **08-147630** (71)Applicant : **MITSUI PETROCHEM IND LTD**

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## (54) PROPYLENE-BASE POLYMER COMPOSITION AND ITS USE

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a propylene-base polymer composition capable of yielding injection-moldings which are excellent in stiffness and impact resistance, particularly in injection-moldability, have few noticeable flow marks and stones, and are excellent in appearance, and its use.

**SOLUTION:** The propylene-base polymer composition suitable for injection-moldings comprises (A) 30-95wt.% propylene block copolymer which (1) contains 2-36wt.% of a 64° C decane-soluble component, (2) the 64° C decane-soluble component containing 20-55mol% of units derived from ethylene, (3) the ratio of  $\eta$ \*(0.01) measured at an angular velocity  $\omega$  of 0.01 rad/s to  $\eta$ \*(100) measured at an angular velocity  $\omega$  of 100 rad/s being 50 or more in a frequency viscoelasticity measurement of the 64° C decane-soluble component at 200° C, (B) 5-70wt.% ethylene- $\alpha$ -olefin random copolymer and/or styrene-base block copolymer, and (C) 0-25wt.% inorganic filler.

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